Appl. No.: 10/054,709
Amdt. dated 12/08/2005
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Amendments to the Claims:

Please enter the following amendments to the claims:

19. (currently amended) A method for selecting a service in a cable system:

receiving an input from a user at an application executing in a set top box connected to a cable network, the input pertaining to a selected service offering;

receiving data corresponding to the selected service offering at a session manager in the set top box;

generating a first session setup request from the session manager wherein the first session setup request includes application level private data comprising:

service data reflective of the selected service offering, and

routing data identifying a session gateway and a service gateway;

transmitting the first session setup request from the set top box to a session resource manager (SRM);

routing the first session setup request from the SRM to a Session Gateway (SESS-G) based the routing data;

routing a second session setup request message from the Session Gateway to a Service Gateway (SVC-G) based on the routing data;

routing the second session setup request message from the SVC-G to one of a plurality of services; and

examining the service data by the service to determine one of a plurality of servers for providing the service selection.

20. (previously presented) The method of claim 19 wherein the step of examining the service data by the service to determine the one of a plurality of servers further comprises communicating with a business management system to determine the one of a plurality of servers.

21. (previously presented) The method of claim 19 further comprising the steps of:

the server indicating a resource required to the SESS-G for providing the service selection to the user.

22. (previously presented) The method of claim 19 wherein the first session setup request is based on a DSM-CC message.

23. (previously presented) The method of claim 19 wherein the second session setup request message is an ISA message.

24. (previously presented) The method of claim 21 wherein the selected service is a pay-per-movie video service.

25. (previously presented) The method of claim 19 wherein the server communicates to the SRM the resource requested from the cable network to fulfill the service request.

26. (previously presented) The method of claim 19 wherein the application executing in the set top box is one of a plurality of applications executing in the set top box configured to provide a service selection to the session manager in the set top box.

27. (previously presented) The method of claim 19 wherein the SESS-G instantiates a session object in response to receiving the first session setup request from the session manager in the set top box.

28. (previously presented) The method of claim 21 wherein the SESS-G further indicates to the SRM a resource requested.

29. (previously presented) The method of claim 19 wherein generating a first session setup request from the session manager to a session gateway (SESS-G) involves the SRM routing the first session setup request to the SESS-G based on a session gateway address identifying the session gateway.

30. (previously presented) The method of claim 19 wherein the routing data comprises routing data comprising first routing data associated with the SESS-G and second routing data associated with the SVC-G.

31. (currently amended) A system for providing a service to a user on a cable system, comprising:

an application module in a set top box configured to receive an input from a user indicating a selected service offering; the application module providing an indication in response to the input;

a session manager module in the set top box configured to receive the indication and generate a first session setup request message, the first session setup request message including application level private data comprising:

service data identifying of the selected service offering, and

routing data identifying a session gateway and a service gateway;

a session resource manager (SRM) receiving the first session setup request and routing ~~relaying~~ the first session setup request based on the routing data;

a session gateway (SESS-G) receiving the first session setup request from the SRM and generating a second session setup request wherein the protocol format of the second session setup request is different than the format of the first session setup request, the SESS-G relaying the second session setup request;

a service gateway (SVC-G) receiving the second session setup request from the SESS-G, the SVC-G generating a command; and

a server receiving the command and providing a video service to the set top box.

32. (previously presented) The system of claim 31 wherein there are a plurality of application modules in the set top box capable of providing a plurality of indications to the session manager in response to a plurality of user inputs.

33. (previously presented) The system of claim 31 wherein the session manager transmits the first session setup request message using the DSM-CC protocol.

34. (previously presented) The system of claim 31 wherein the SESS-G examines the routing data to determine one of a plurality of SCV-G to receive the second session setup message.

35. (previously presented) The system of claim 31 where the SESS-G transmits the second session setup message using the ISA protocol.

36. (previously presented) The system of claim 31 wherein the SVC-G examines the routing data to determine one of a plurality of services to receive the second session setup message.

37. (previously presented) The system of claim 31 further comprising a business management system in communication with the service and providing address information for the server.

38. (previously presented) The system of claim 31 wherein the server is configured to communicate with the SRM to indicate the resources required for providing the video service.